Search from Venus + EMB TTVs 1.0 Case 1 [30 yr span] $\sigma_{obs} = 30 \text{ sec}$ 8.0 **Probability** 0.6 0.2 0.0 4 10 12 14 Planet Period [yrs] a) b) 1.0 Mars Jupiter 0.8 Probability 9.0 9.0 8.0 0.2 0.0 1.86 1.88 1.92 1.94 11.8 1.84 1.90 11.0 11.2 11.4 11.6 12.0 12.2 12.4 Per₄ [yrs] Per₃ [yrs]